

Author Index

- Adamczyk, Z. 119
Albers, S. 75
Alexander, K.S. 1
Aston, M.S. 31
Azizi, J. 1
- Bailey, A. 111
Biatopiotrowicz, T. 263
Briscoe, B.J. 153
Brown, P.L. 11
- Cazianis, C.T. 315
Chang, C.H. 321
Cheng, P. 297
Cosgrove, T. 199
- Dickinson, E. 231
Dolitzky, Y. 215
Dollimore, D. 1
Drummond, C.J. 75
Dynarowicz, P. 105
- Edholm, O. 131
Eijt, V. 63
Erickson, G.R. 11
Esumi, K. 249, 255
Euston, S.R. 231
Evans, J.V. 11
- Fainerman, V.B. 333
Fornasiero, D. 63
Francis, S.E. 177
Franses, E.I. 321
Furlong, D.N. 75
- González-Caballero, F. 263
Goworek, J. 135
- Harley, S. 163
Herrington, T.M. 31
Hsu, J.-P. 23
Hutchinson, F.J. 177
- Ishikawa, T. 259
- Jańczuk, B. 263
Jawiń, W. 105
Jones, M.N. 177
- Kabalnov, A.S. 101
Kandori, K. 259
Keh, E. 273
Kerkeb, M.L. 263
Kishi, K. 259
- Li, J.F. 307
Luckham, P.F. 111, 153
Lyle, I.G. 177
- Makarov, K.N. 101
Malghan, S.G. 87
Malliaris, A. 315
Margel, S. 215
Matsui, Y. 57
Meguro, K. 249, 255
Miano, F. 111
Murthy, A.S. 1
- Narkiewicz-Michalek, J. 273
Narsimhan, G. 41
Neumann, A.W. 297
Noever, D.A. 243
Nonaka, A. 207
- Partyka, S. 273
Petrov, J.G. 141
Phipps, J.S. 199
- Ralston, J. 63
Ren, S.R. 153
- Richardson, R.M. 199
Rodenas, E. 289
Rudzinski, W. 273
- Sadakane, O. 255
Saito, S. 57
Sedev, R.V. 141
Shchukin, E.D. 101, 131
Siffert, B. 307
Sivan, O. 215
Siwek, B. 119
Sobisch, T. 187
Stefaniak, W. 135
Sugimura, A. 249
- Tadros, Th.F. 31, 111
Tata, S.S. 1
Thompson, D.W. 163
Torigoe, K. 255
Tsao, H.-K. 23
- Valiente, M. 289
Vincent, B. 163
- Wang, N.-H.L. 321
Wüstneck, R. 187
- Xenakis, A. 315
- Yamada, T. 249
Yushchenko, V.S. 131
- Zembala, M. 119

Subject Index

- Adsorption, 249, 273
Adsorption kinetics, 333
Aggregation number, 289
Aqueous chemistry, 87
Axisymmetric drop shape analysis-profile, 297
- Benzene vapour, 207
Bile salts, 263
Block copolymer, 31
Breakage mode, 23
Bridging, 231
- Carbon dispersions, 111
Centrifugal stability, 41
Cetyltrimethylammonium bromide, 289
Chitosan hydrochloride, 57
Cholesterol, 263
Clay dispersions, 153
Cloud point, 75, 187
Coarsening, 243
Colloids, 11
Concentrated oil-in-water emulsion, 41
Concentrated suspensions, 1
Conductivity, 289
Contact angle, 297
Cosolvency, 187
- Daughter-floc size distribution, 23
Dewetting kinetics, 141
Diffusion-controlled adsorption, 321
Dioctadecyldimethylammonium chloride, 249
Disjoining pressure, 41
Dispersion, 87
Double layer interactions, 119
Dynamic adsorption, 321
Dynamic adsorption surfactants, 321
Dynamic contact angle, 141
Dynamic surface tension, 333
- Effective dipole moments, 105
Electrokinetic, 63
Electron microscopy, 163
Electron spin resonance, 315
Emulsion lattices, 243
Emulsion stability, 41, 101
Energy of orientation, 105
Excretion rate, 101
- Fatty acid monolayer, 199
Flocculation, 231
Fluorescence, 289
Fluorescence quenching, 315
Fractal geometry, 23
- Gaseous film, 105
Gradient method, 207
- Heats of adsorption, 273
Heteroflocculation, 163
Hindered settling, 1
Hydrostatic pressure, 131
Hydroxyethylcellulose-2-hydroxypropyl trimethylammonium chloride, 57
(Hydroxypropyl)cellulose, 75
- Immobilized microspheres, 215
Interfacial tension, 297
Ionic surfactants, 333
Isotherm, 31
- Kozeny-Carman equation, 1
- Latexes, 215
Layer thickness, 307
Liposome conjugation, 177
Liquid film entrainment, 141
Liquid/liquid interface, 199
Localized adsorption, 119
Lower alcohols, 187
- Maximum bubble pressure method, 333
Micelle dissociation, 333
Microemulsion, 315
Microenvironment, 249
Microspheres, 215
Modelling, 231
Monolayer, 31
Monte Carlo simulation, 23
- Neutron reflection, 199
Non-ionic surfactants, 187, 273
Non-Newtonian fluids, 153
- Ostwald ripening, 101
Oxides, 307

- Particle adhesion, 163
- Particle adsorption, 163
- Particle adsorption kinetics, 119
- Particle interaction, 131
- Particle mixtures, 163
- Perfluoro chemical emulsions, 101
- Perfluorooctyl bromide, 101
- Permeability, 1
- Platinum particles, 255
- Point of zero charge, 11
- Poly(acrylic) acid, 57
- Polyacrolein microspheres, 215
- Polymer, 231
- Polymer adsorption, 199, 307
- Polymer solutions, 153
- Polymer-surfactant interactions, 75
- Population balance, 23
- Pore structure, 135
- Potentiometry, 11
- Primary particles, 23
- Probing techniques, 315
- Protein limiting area, 177
- Protein stabilization, 41
- Proteoliposomes, 177
- Pyrite oxidation, 63

- Random patterns, 243
- Reverse micelles, 289
- Rheology, 75, 111
- Richardson-Zaki equation, 1
- Rolling-ball viscometer, 153

- Shirasu-porous-glass filter, 259
- Silica, 249
- Silica gels, 135
- Silica hydrogel particles, 259

- Silicon nitride, 87
- Simulation, 231
- Solubilization, 187
- Sorbitan sesquileate, 31
- Specific adsorption, 87
- Stability, 11
- Statistical crystallography, 243
- Succinylated concanavalin A, 177
- Supercooling liquid, 207
- Surface area estimation, 207
- Surface energetic heterogeneity, 273
- Surface free energy, 263
- Surface interactions, 87
- Surface orientation angles, 105
- Surface pressure, 31
- Surfactant adsorption, 111
- Suspension stability, 131

- Thermal decomposition, 255
- Thermal desorption, 135
- Thermodynamics, 273
- Thin liquid films, 199
- Toluene, 187
- Topology, 243

- Ultrasound, 153

- Vesicle, 249
- Viscosity, 75

- Water pool radii, 289
- Water/air interface, 105
- Wheat germ agglutinin, 177

- Zeta potential, 63
- Zirconium molybdate gels, 11